Notice of Allowability 10/805,280 BIERY ET AL		Application No.	Applicant(s)	
Examiner Ligwe U. Anya 2891	Notice of Allowability	10/605 260	BIFRY FT AI	(Chr)
The MAILING DATE of this communication appears on the cover sheet with the correspondence address—All claims being allowable. PROSECUTION ON THE MERITS IS (OR REMAINS) CLOSED in this application. If not included herewith to previously mailed, a Notice of Allowance (PTOL-59) or other appropriate communication will be mailed in due course. THIS NOTICE OF ALLOWABILITY IS NOT A GRANT OF PATENT RIGHTS. This application is subject to withdrawal from issue at the initia of the Office or upon petition by the applicant. See 37 CFR 1.313 and MPEP 1308. 1. ☑ This communication is responsive to Paper Illied on 31 March 2005. 2. ☑ The allowed claim(s) is/are 1-16 and 19-23. 3. ☑ The drawings filed on 02 July 2004 are accepted by the Examiner. 4. ☐ Acknowledgment is made of a claim for foreign priority under 35 U.S.C. § 119(a)-(d) or (f). a) ☐ All b) ☐ Some* c) ☐ None of the: 1. ☐ Certified copies of the priority documents have been received. 2. ☐ Certified copies of the priority documents have been received in Application No. ☐ 3. ☐ Copies of the certified copies of the priority documents have been received in this national stage application from the International Bureau (PCT Rule 17,2(a)). 4. Certified copies not received: Applicant has THREE MONTHS FROM THE "MAILING DATE" of this communication to file a reply complying with the requirements noted below. Failure to timely comply will result in ABANDONMENT of this application. THIS THREE MONTH PERIOD IS NOT EXTENDABLE. 5. ☐ A SUBSTITUTE OATH OR DECLARATION must be submitted. Note the attached EXAMINER'S AMENDMENT or NOTICE OF INFORMAL PATENT APPLICATION (PTO-152) which gives reason(s) why the oath or declaration is deficient. 6. ☐ CORRECTED DRAWINGS (as "replacement sheets") must be submitted. (a) ☐ including changes required by the Notice of Draftsperson's Patent Drawing Review (PTO-948) attached 1) ☐ hereto or 2) ☐ to Paper No./Mail Date ☐ to this provide as such in the header according to 37 CFR 1.12(d). Attachment(s) 1. ☐ DEPOSIT OF and/or INFORMAT				
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Allowable Subject Matter

1. The following is an examiner's statement of reasons for allowance. Applicant's claims 1 – 16, and 19 –23 are allowable, because prior art does not teach:

(claims 1, 5) forming a MIM capacitor using a two mask process, that eliminates alignment trenches in the insulating layer; and

(claims 8, 19, 21, 22) patterning and etching stacked alternating semitransparent metal layer and dielectric layer by performing a direct alignment to an underlying metal interconnect layer through the semitransparent metal layer.

2. Any comments considered necessary by applicant must be submitted no later than the payment of the issue fee and, to avoid processing delays, should preferably accompany the issue fee. Such submissions should be clearly labeled "Comments on Statement of Reasons for Allowance."

Remarks

 The examiner has reviewed prior art in light of applicant's comments and amendment.

Contact Information

- 4. Any inquiry concerning this communication or earlier communications from the examiner should be directed to Igwe U. Anya whose telephone number is (571) 272-1887. The examiner can normally be reached on M F 8:30am 5:00pm.
- 5. If attempts to reach the examiner by telephone are unsuccessful, the examiner's supervisor, William B. Baumeister can be reached on (571) 272-1722. The fax phone

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number for the organization where this application or proceeding is assigned is 703-

872-9306.

6. Information regarding the status of an application may be obtained from the

Patent Application Information Retrieval (PAIR) system. Status information for

published applications may be obtained from either Private PAIR or Public PAIR.

Status information for unpublished applications is available through Private PAIR only.

For more information about the PAIR system, see http://pair-direct.uspto.gov. Should

you have questions on access to the Private PAIR system, contact the Electronic

Business Center (EBC) at 866-217-9197 (toll-free).

Igwe U. Anya Examiner Art Unit 2891

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April 12, 2005